2005 MAY 2005

10/534043

PATENT

4456-0104PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

Nobuo SAKAGUCHI

Conf.:

Appl. No.:

NEW

Group:

Filed:

May 5, 2005

Examiner:

For:

TRANSGENIC MAMMAL CARRYING GANP GENE TRANSFERRED THEREINTO AND UTILIZATION

THEREOF

PETITION UNDER 37 C.F.R § 1.84(a)(2)
TO ACCEPT COLOR DRAWINGS AND/OR PHOTOGRAPHS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

May 5, 2005

Sir:

Applicant hereby petitions that color drawings under 37 C.F.R. § 1.84(a)(2) be accepted in the above-identified application.

Color drawings are necessary as they are the only practical medium by which the subject matter of the present application can be disclosed.

1. Fee Payment (37 C.F.R. § 1.17(h)):

A check in the amount of \$130.00 is enclosed.

Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

2. Color Drawings

05/13/2005 MIAYPASH 00000051 10534043

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130.00 87

Three (3) sets of color drawings are provided, and are believed to be of sufficient quality that all details will be reproducible in black and white in the printed patent.

3. Amendment to the Specification

A Preliminary Amendment is being submitted concurrently herewith, providing reference to the color drawings in the first paragraph of the brief description of the drawings.

It is noted that black and white photocopies of any color drawing or photograph are no longer required under 37 C.F.R. § 1.84(a)(2)(iii) as of October 1, 2001.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Gerald M. Murphy,

#28,977

P.O. Box 74

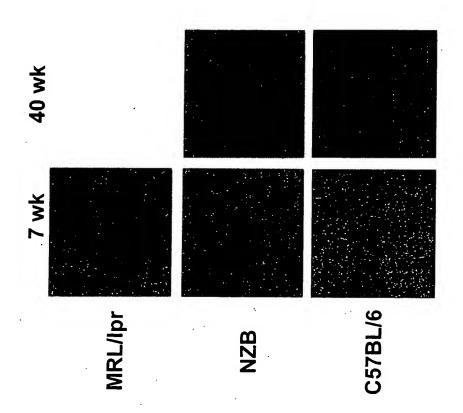
Falls Church, VA 22040-0747

(703) 205-8000

GMM/smt 4456-0104PUS1

Attachment(s)

Fig. 1





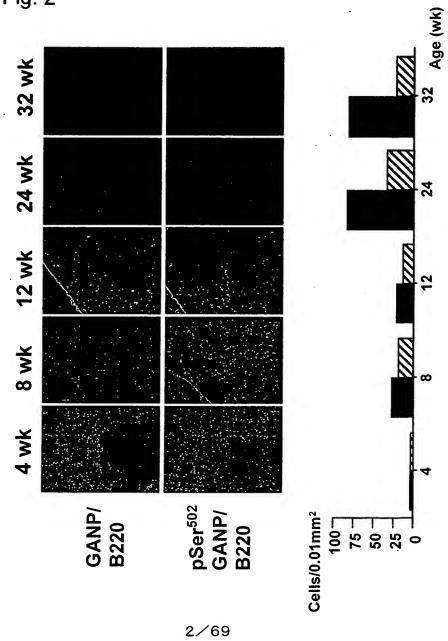
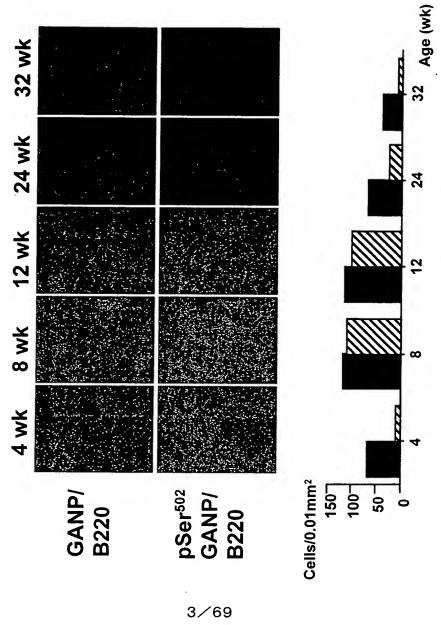
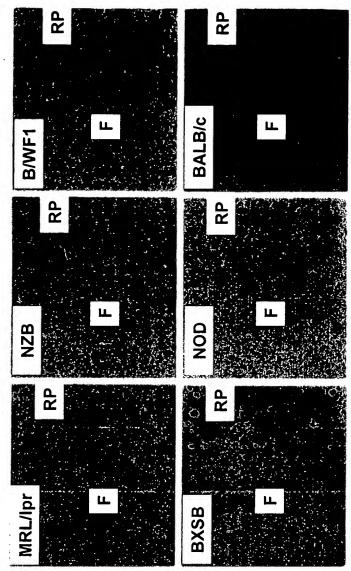
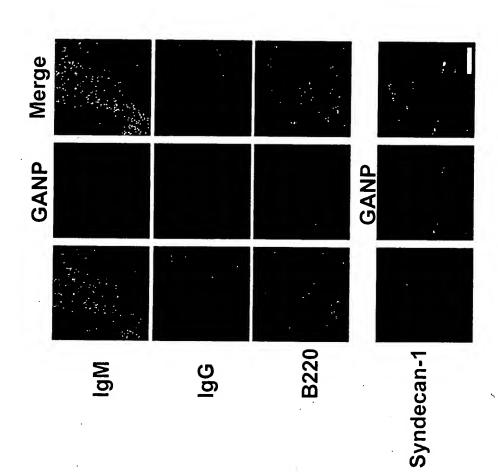


Fig. 3





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Fig. 6

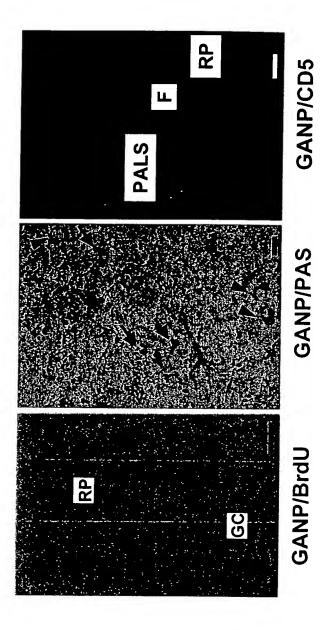
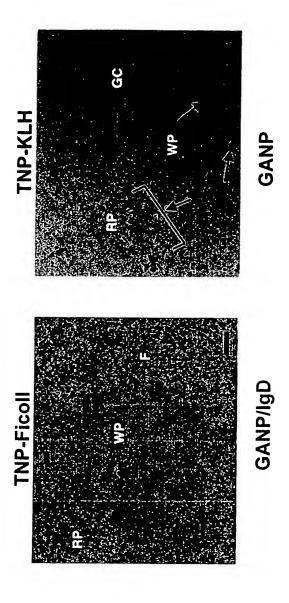
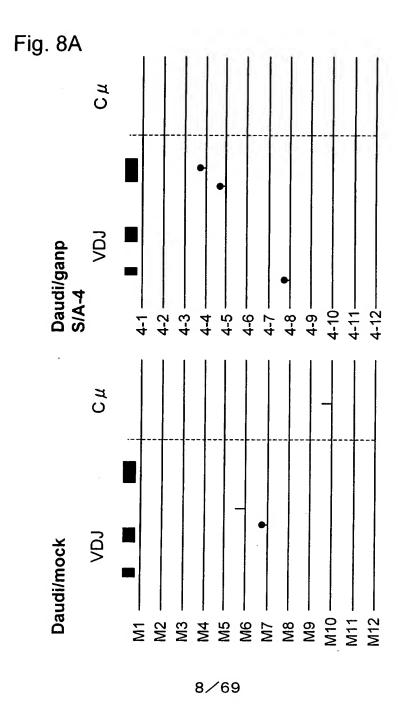
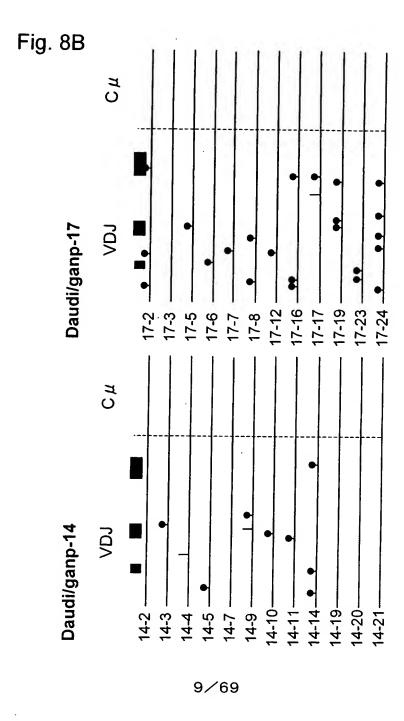
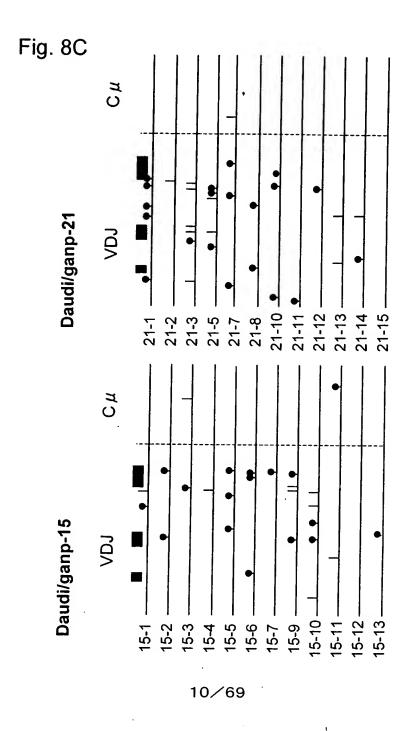


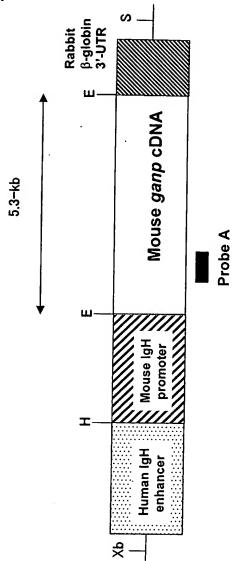
Fig. 7

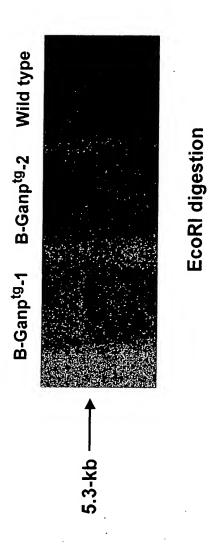












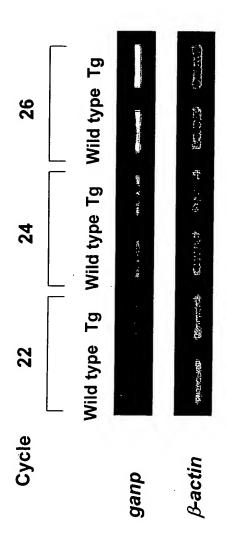


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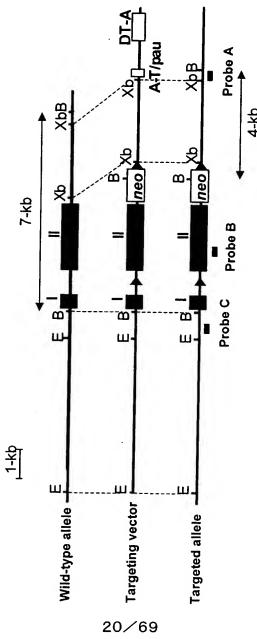
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Fig. 11A



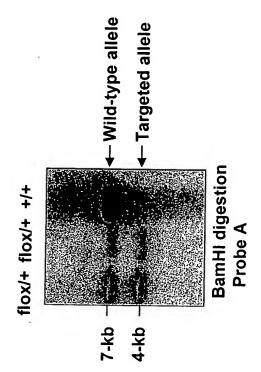
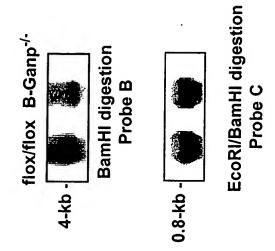


Fig. 11C



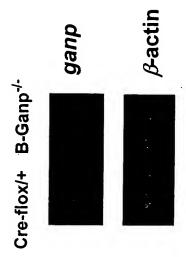


Fig. 11E

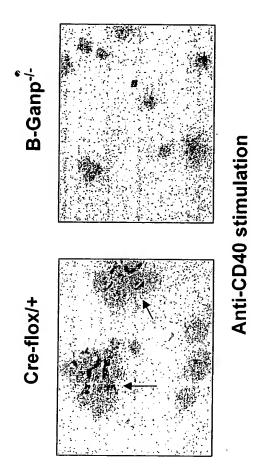


Fig. 12

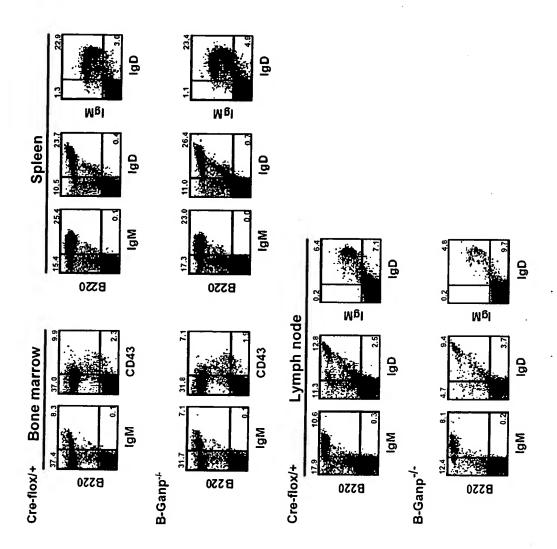


Fig. 13

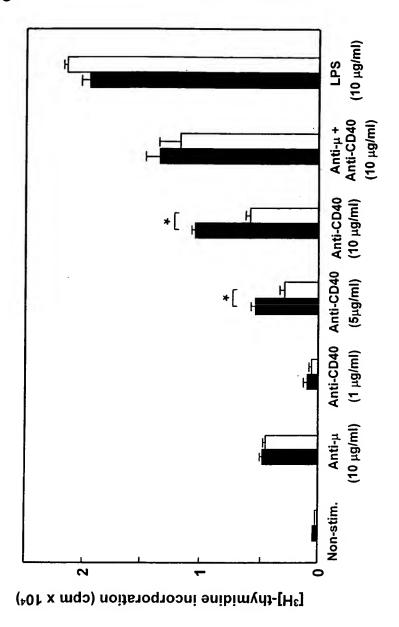


Fig. 14

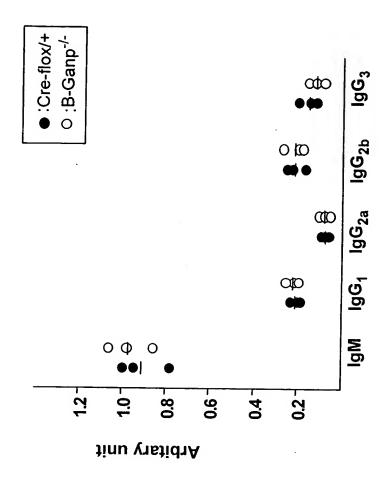
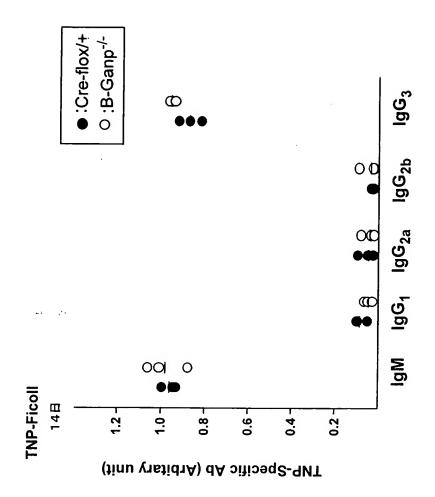


Fig. 15



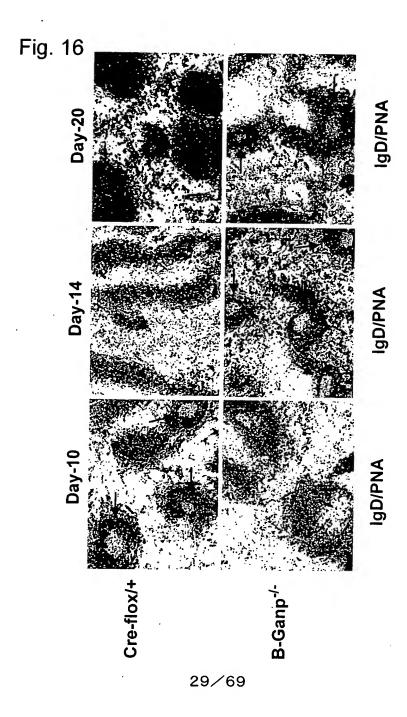
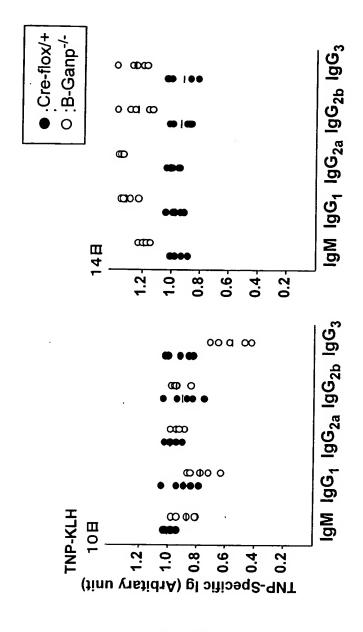
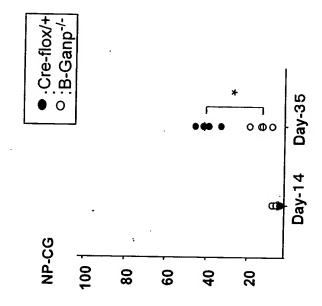


Fig. 17





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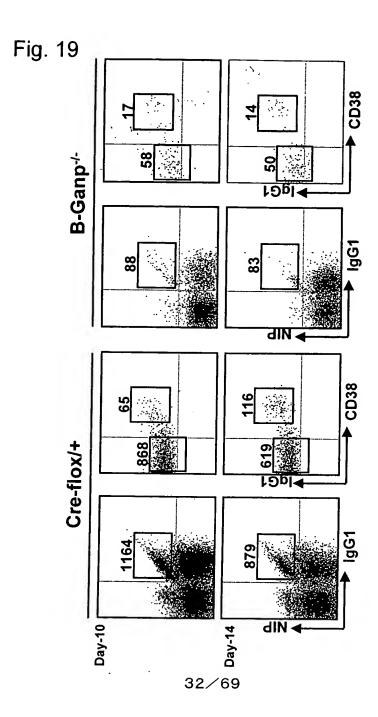


Fig. 20A

Cre-flox/+

Fig. 20B

Cre-flox/+

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Fig. 20C

Cre-flox/+

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Fig. 20D

Cre-flox/+

Fig. 20E

Cre-flox/+

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Fig. 20F

Cre-flox/+

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Fig. 20G

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Fig. 20H

B-G	anp) ^{-/-}													<u> </u>		
٧	K	20 L CTG	S	С	K	Α	S	G	Y	T	F	T	S	Y	W	М	35 H CAC
	 I -TT							 A _C_					—- —т				
													 N -A- N				
							·						 N		L -T-		
										Т	F						
													 N	C -G-	L	· 	
													 N				
			 ·			T							T C-			L C	
														L			

Fig. 20 I

W	V	K	Q	40 R AGG	P	G	R	G	L	E	W	I	G
						- <u>·</u> -						- : -	
													G

Fig. 20J

	50 R AGG	1	D	P	N	S	G	G	58 T ACT	K	Y	N	Е	K	F	K
1-1										<u>.</u>						
1-5																
1-6																
2-2									S T							
4-3	N -AT		N A							N C						
4-4						G G										
6-1											T			E G		
6-2											Т					
7-1						G G					F -T- 1	D G				
8-2						G								E		
9-1									٨							
9-3																
9-4 -																

Fig. 20K

S	K	Α	T	L	T	V	D	K	75 P CCC	S	S	T	Α	Y	M	Q
T																
										·						——A
 N						A -C-										
-A-									 S							
Т									T							
																
									T							
									S T							

Fig. 20L

L	S	86 L CTG	T	S	E	D	S	Α	V	Y	Y	С	R
	 												 C
	 								<u></u>				
	 										C		
	 										с		
	 									С			
	 									—с			
F													
T	 												
	 												

Fig. 21

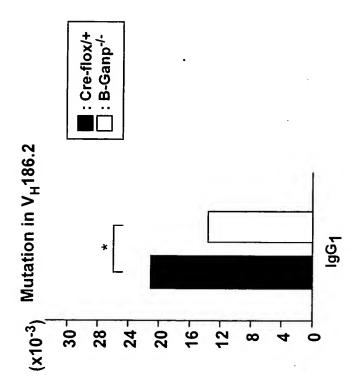


Fig: 22

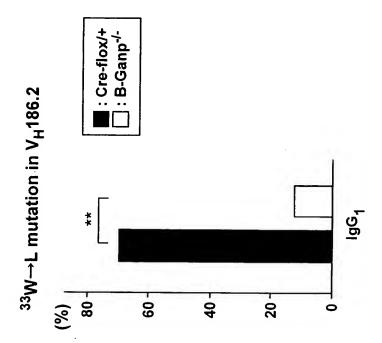


Fig. 23

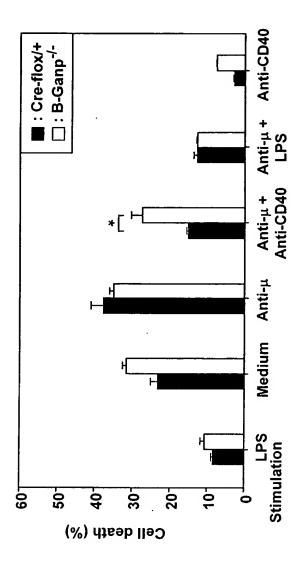


Fig. 24

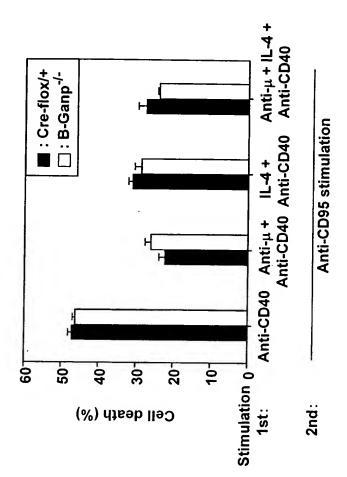


Fig. 25

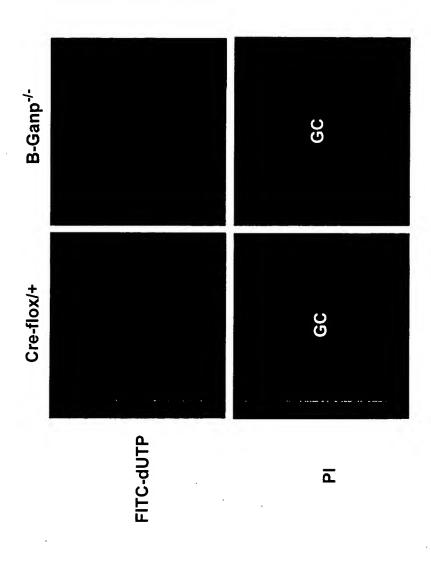


Fig. 26

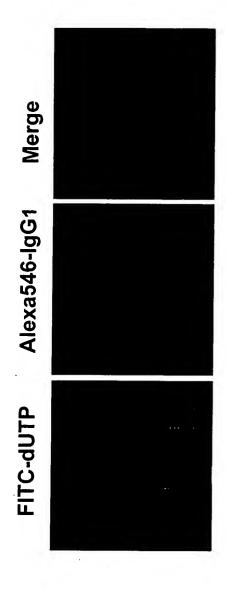


Fig. 27

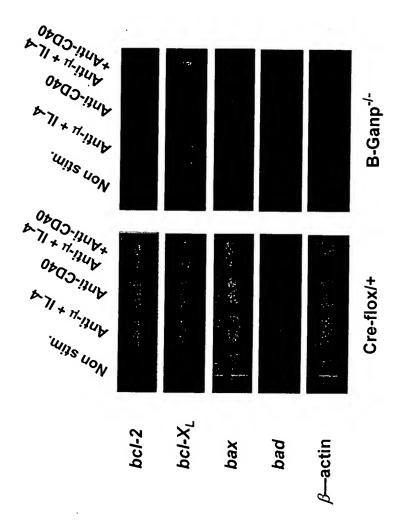


Fig. 28

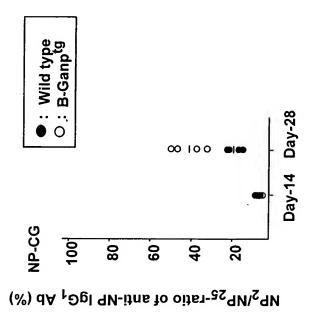
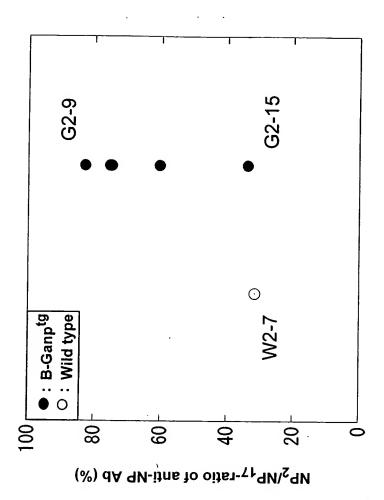
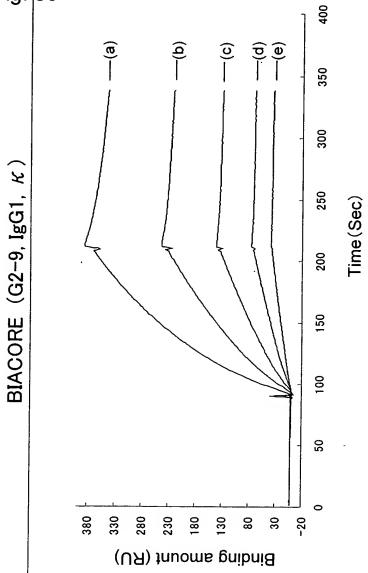
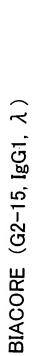


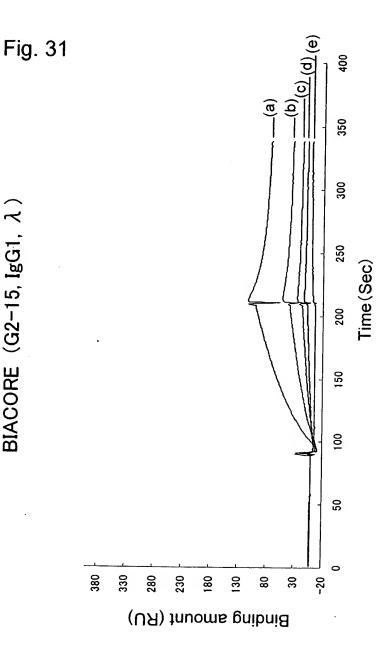
Fig. 29



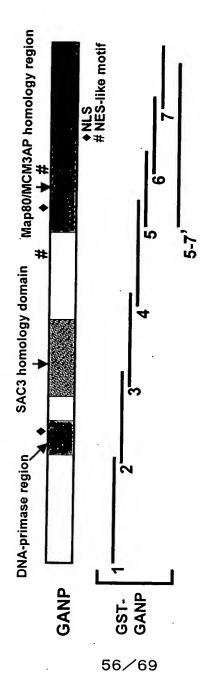


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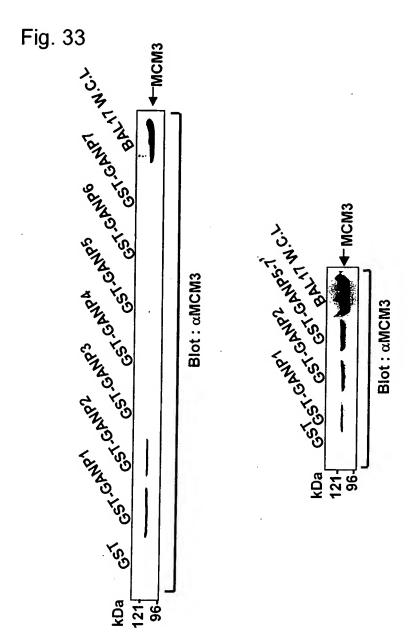


Fig. 34

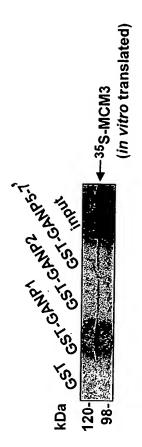
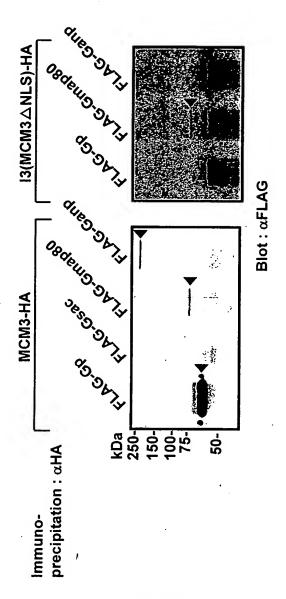


Fig. 35





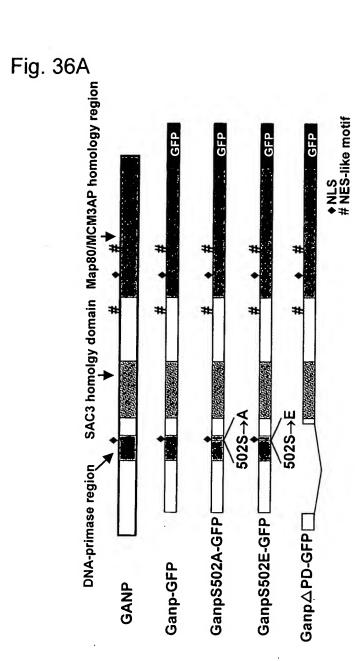
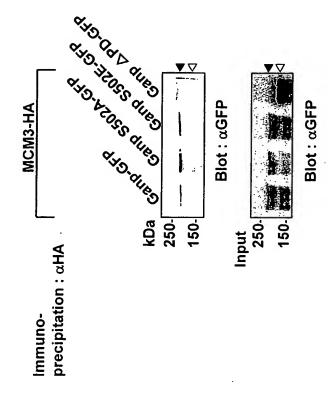
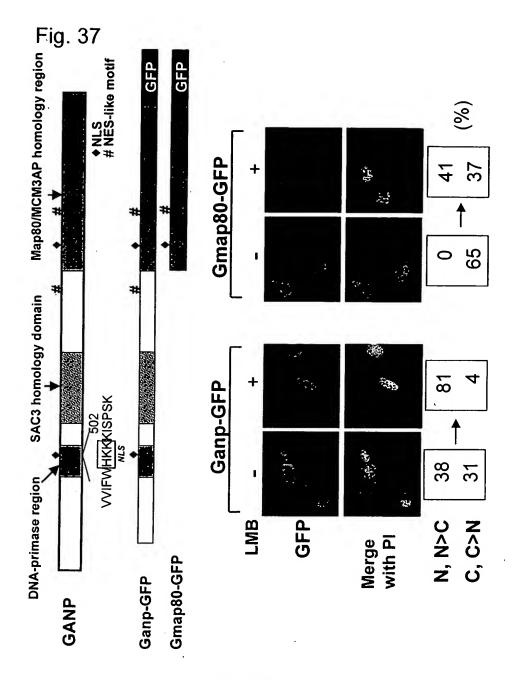


Fig. 36B





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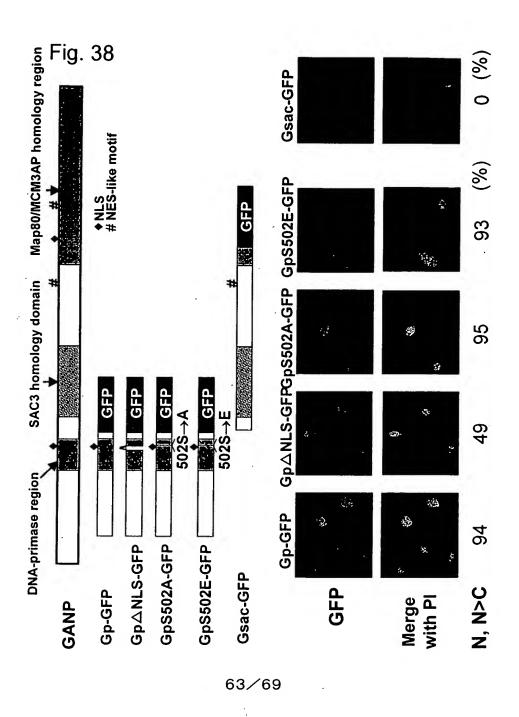


Fig. 39

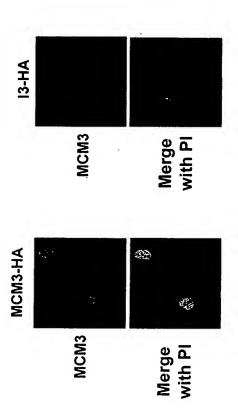


Fig. 40

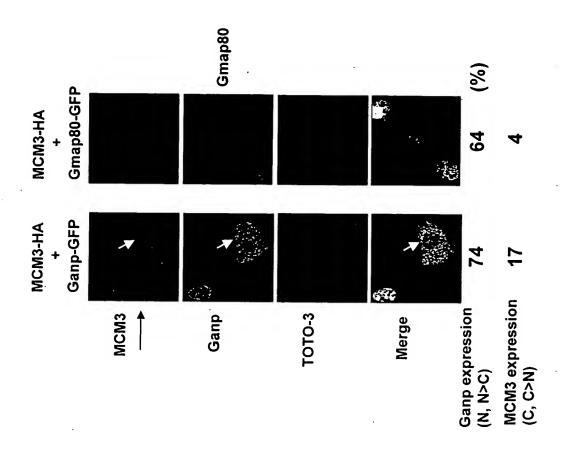


Fig. 41

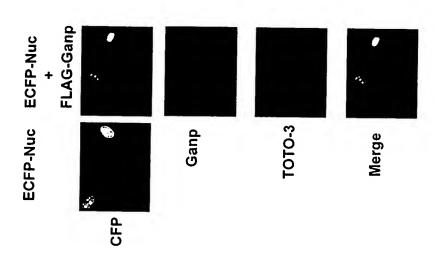


Fig. 42

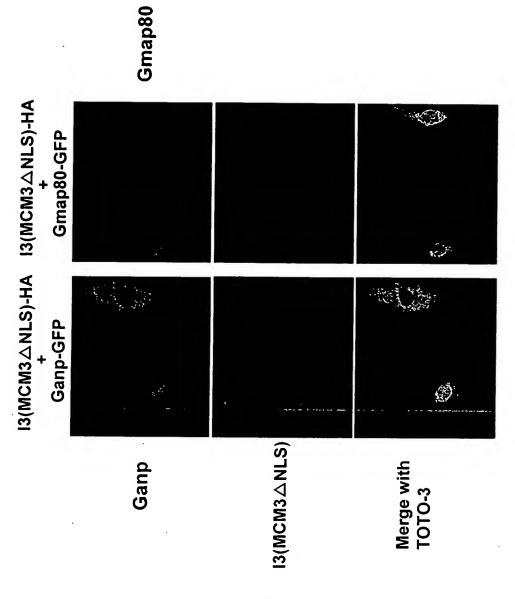


Fig. 43

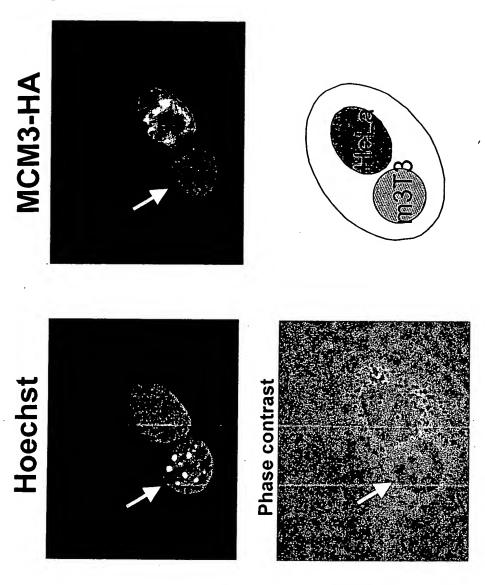


Fig. 44

